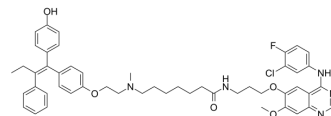


EGFR-IN-43

Cat. No.:	HY-145824
Molecular Formula:	C ₅₀ H ₅₅ ClFN ₅ O ₅
Molecular Weight:	860.45
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

EGFR-IN-43 (Compound 17c) is a potent inhibitor of EGFR with single-digit nanomolar activity. EGFR-IN-43 connects tamoxifen or endoxifen with the EGFR-inhibitor gefitinib via a covalent linkage. EGFR-IN-43 retains both ER antagonist activity and EGFR inhibition. EGFR-IN-43 has superior anti-cancer activity^[1].

REFERENCES

[1]. Abdelmalek CM, et al. Gefitinib-Tamoxifen Hybrid Ligands as Potent Agents against Triple-Negative Breast Cancer. *J Med Chem.* 2022;65(6):4616-4632.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA